



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

93221-2

Date of Issuance:

3/12/20

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

RANGER READY PERMETHRIN  
 0.5% REPELLENT

Name and Address of Registrant (include ZIP Code):

Jacqueline Sumski  
 Agent for The PIC20 Group LLC  
 Delta Analytical Corporation  
 12510 Prosperity Drive, Suite 160  
 Silver Spring, MD 20904

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Elizabeth Fertich, Product Manager 04  
 Invertebrate & Vertebrate Branch 1  
 Registration Division (7505P)  
 Office of Pesticide Programs

Date:

3/12/20

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 93221-2.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 09/04/2019

If you have any questions, please contact Autumn Metzger by phone at 703-305-5314, or via email at Metzger.autumn@epa.gov.

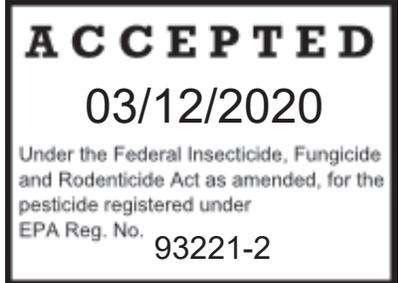
Enclosure

# Ranger Ready Permethrin 0.5% Repellent

**Active Ingredient:**

Permethrin [* (3-Phenoxyphenyl) methyl (+ or -) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate) .....	0.50%
<b>Other Ingredients:</b> .....	<u>99.50%</u>
<b>Total</b> .....	100.00%

\*Cis-trans isomers ratio: Min. 35% (+ or -) cis and Max. 65% (+ or -) trans



KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

[See back [or side] panel for [First Aid Statements and] other [precautions]  
{First Aid may also appear in paragraph form}

FIRST AID	
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.</p>	

Manufactured for [by]:  
The Pic20 Group, LLC  
155 Woodward Ave, #3  
Norwalk, Connecticut 06854

EPA Reg. No. 93221-      EPA Est. No.

Net Contents: 8 oz. or 24 oz.  
{Reader's Note: The appropriate net contents will be indicated on each final printed label.}

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging in the treatment area.

## For Residential Use

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL BEFORE EACH USE.

**USE RESTRICTIONS:** *{Reader's Note: Use Restrictions can be listed in paragraph form or as a bulleted list on marketplace labels. These restrictions are required to be on the marketplace label whether indoor, outdoor, or clothing treatment directions are used.}*

Do not allow adults, children, or pets to enter until sprays have dried. Do not breathe dust, vapors, or spray mist. Do not use in aircraft cabins. Not for use in outdoor residential misting systems. Do not treat bare skin or clothing on the body. Do not allow contact with treated surfaces until spray has dried. Do not allow spray to contact food, or water supplies. Do not contaminate feed and foodstuffs. Remove pets and birds and cover fish aquariums before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry. Do not use in commercial food/feed handling establishments, restaurants or other commercial facilities where food is commercially prepared, processed, or served. Do not use in institutions, schools, office buildings or similar commercial buildings.

SHAKE WELL BEFORE USING

#### **INDOOR APPLICATION:**

**INDOOR RESTRICTIONS:** For spot application only. Do not use as a space spray indoors. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

**CRACK AND CREVICE TREATMENT:** For 60-day (two months) control of COCKROACHES, WATERBUGS, PALMETTO BUGS, SCORPIONS, MILLIPEDES, CENTIPEDES, SOWBUGS, PILLBUGS, ANTS, SILVERFISH, FIREBRATS, SPIDERS, CRICKETS, STINK BUGS, BROWN MARMORATED STINK BUGS (BMSB), ASIAN LADY BEETLES, BOXELDER BUGS, CLOVER MITES, CHEESE MITES, GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, RUST RED FLOUR BEETLES, DRUGSTORE BEETLES, MEAL WORMS, GRAIN MITES AND CADELLES: Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For Silverfish, spray bookcases. For Ants, spray trails, nests and points of entry.

**TO CONTROL CARPET BEETLES:** Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving.

**TO CONTROL BEDBUGS:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Allow to dry thoroughly before remaking bed. Treat baseboards, moldings and floors.

**TO CONTROL FLEAS (ADULTS AND LARVAE) AND TICKS, INCLUDING TICKS WHICH MAY CARRY LYME DISEASE (ADULTS AND LARVAE):** Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames. Apply as a spot treatment to floors and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment every 35 days as needed. Allow to dry thoroughly before allowing pets to contact treated areas. To control the source of flea infestations, treat your pet with a product registered for animal application. Also, treat your yard with a product registered for yard application.

**TO CONTROL CLOTHES MOTHS:** Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly keeping nozzle at least three feet from fabric to avoid staining.

TO KILL LICE AND LOUSE EGGS: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding including mattresses that cannot be either laundered or dry-cleaned. Allow all treated articles to dry thoroughly before use.

### **OUTDOOR APPLICATION:**

OUTDOOR RESTRICTIONS: Do not water the treated area to the point of run-off. Do not make applications during rain. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures (2) Applications to lawns, turf, and other vegetation. All outdoor applications to impervious surfaces such as patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.

TO CONTROL TICKS INCLUDING TICKS WHICH MAY CARRY LYME DISEASE AND OTHER CRAWLING INSECTS (PERIMETER TREATMENTS): Use this product as a residual treatment to control TICKS including the DEER TICK (*Ixodes scapularis*), LONE STAR TICK (*Amblyomma americanum*), BROWN DOG TICK (*Rhipicephalus sanguineus*), AMERICAN DOG TICK (*Dermacentor variabilis*), and WESTERN BLACK LEGGED TICK (*Ixodes pacificus*) and other crawling insects such as ASIAN LADY BEETLES, BOXELDER BUGS, BROWN MARMORATED STINK BUGS (BMSB) AND STINK BUGS: For each areas listed below, apply until surface is wet, but not to the point of runoff.

Treat as a spot or crack and crevice treatment only around windows and doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may enter.

Treat a band of vegetation and leaf litter 6 to 10 feet wide around and the outside of buildings to help control ticks occurring there. To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6 to 10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

FOR CONTROL OF GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill JAPANESE BEETLES hit by spray as well as WHITEFLIES, APHIDS, STINK BUGS, BROWN MARMORATED STINK BUGS (BMSB), EXPOSED THRIPS, SPIDERS, RED MITES and LEAFMINERS. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, euonymus, fuschia, geraniums, crassula grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against WHITEFLIES, APHIDS, SPIDER AND RED MITES, STINK BUGS, BROWN MARMORATED STINK BUGS (BMSB), BOXELDER BUGS, EXPOSED THRIPS, LACE BUGS, JAPANESE BEETLES, PAVEMENT ANTS, CLOVER MITES AND ARMYWORMS.

### **USE INSTRUCTIONS FOR CLOTHING TREATMENT:**

For protection against Ticks (including those which may carry Lyme disease), chiggers and mosquitoes, apply product as directed below. For further protection, use in conjunction with an insect repellent registered for direct application to the skin and utilize the following primary preventive measures. Avoid areas where the pests are found, wear appropriate protective clothing (light-colored, long-sleeved shirt and long pants tucked into socks) and inspect body daily for ticks. Pant cuffs should be worn inside the socks or footwear to ensure full protection against ticks and chiggers.

**INITIAL TREATMENT INSTRUCTIONS:** 1. Select a well-ventilated outdoor area protected from wind and lay out the clothing to be treated (as complete outfit; shirt, trousers and socks). 2. Hold can upright about 6 to 8 inches from surface of the [article or] clothing and spray with a slow sweeping motion to lightly moisten the surface of the fabric. 3. Continue spraying over entire [article or] outfit, until the outer surface of the fabric is moist enough to cause a slight color change or darkening. Pay special attention to socks, trouser cuffs and shirt cuffs. 4. Turn the [article or ] clothing over and treat the other side as described in Steps 2 & 3. 5. Hang the treated [article or ] clothing and allow to dry for at least 2 hours (4 hours under humid conditions) before wearing.

**RETREATMENT INSTRUCTIONS:** This product contains an active ingredient which actually binds to the fabric being treated, providing residual protection which lasts a minimum of six weeks, and holds up through several machine washings. **DO NOT RETREAT CLOTHING MORE THAN ONCE EVERY SIX WEEKS. LAUNDRER CLOTHING AT LEAST ONCE BEFORE RETREATING.** For retreatment, follow instructions for initial treatment.

**INITIAL TREATMENT INSTRUCTIONS ON NETS, TENTS, SLEEPING BAGS AND BACKPACKS:** Do not treat inside of sleeping bag. Spray exterior surfaces of tent only. Select a well-ventilated outdoor area protected from wind and lay out article to be treated. Hold can upright about 6 to 8 inches from surface of the article and spray with a slow sweeping motion to lightly moisten the surface of the fabric. Continue spraying over entire article, until the outer surface of the article is moist enough to cause a light color change or darkening. Turn the article over and treat the other side as described in steps 2 and 3. Hang the treated article and allow to dry for at least 2 hours (4 hours under humid conditions) before using.

**RETREATMENT INSTRUCTIONS:** This product contains an active ingredient that actually binds to the fabric being treated, providing residual protection that lasts a minimum of six weeks. **DO NOT RETREAT ARTICLES MORE THAN ONCE EVERY SIX WEEKS.** For retreatment, follow instructions for initial treatment.

*{Statements and graphics to emphasize restrictions on use; Location on label optional}*

Do not apply to skin *{or}* CLOTHING TREATMENT ONLY – DO NOT APPLY TO SKIN

This product is extremely toxic to fish

Do not apply while wearing clothing

Does not affect fire retardant protection properties

Wash treated clothing separately

This product is toxic to cats



## **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

### **PESTICIDE STORAGE**

Store in a cool, dry area. Always store pesticides in the original container. Store away from food and pet food.

### **PRODUCT DISPOSAL AND CONTAINER HANDLING**

Non-refillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### ***{Optional Marketing Claims and Graphics}***

#### **{SCENT}**

Unscented

Scent Zero

Ranger Ready Scent Zero

Odorless

Unscented Repellent for clothing and gear

Odorless Repellent for clothing and gear

Odorless Repellent for fabric\*

Odorless Insect Repellent for fabric\*

Odorless Bug Spray for fabric\*

Scent free repellent for clothing and gear

Scent free repellent for fabric\*

\*Nets, Tents, Sleeping Bags, Backpacks, Clothing, Carpet

*{Reader's Note: This footnote will be displayed on the same panel as the associated marketing claims}*

#### **{PRODUCT DESCRIPTION}**

Effective protection from ticks and listed insects

Effective protection for clothing and gear

Effective insect protection for use on clothing and gear

Effective Repellent for use on clothing and gear

Insect Repellent for use on uniforms

Insect Repellent for use on outdoor uniform

Insect Repellent for use on outdoor gear

Ranger Ready Gear Pack Repellent

\*Nets, Tents, Sleeping Bags, Backpacks, Clothing, Carpet

#### **{SPRAYER AND BOTTLE}**

Fine mist spray

Fine mist trigger

Fine mist trigger spray

Recycled plastic

### {TREATMENT}

Treatment for clothing, uniforms, socks

Treatment for [clothing,] [gear,] [tents,] [outside of sleeping bags,] [ground cloths,] [backpacks,] [canvas bags,] [sleep netting,] [and] [outdoor furniture]

For clothing & gear

### {EFFICACY }

Repels [and kills] mosquitos that may cause [West Nile virus,] [Zika virus]

Repels [and [or] [controls] mosquitoes and flies

Controls ticks that may carry [or cause] Lyme disease

Kills [listed insects] [seasonal] [Asian Lady Beetles,] [Fleas,] [Spiders,] [Flies,] [for] up to 60 days]]

Repels Aedes Mosquitoes

Kills [Asian Lady Beetles,] [Fleas,] [Spiders,] [Flies,] [Mosquitoes,] [Chiggers]]

Kills Mosquitoes, Ticks, and Mites

Repels Aedes Mosquitoes

Repels mosquitoes that may carry/transmit the Zika virus

Repels Aedes mosquitoes that may carry/transmit the Zika virus

Repels mosquitoes, including those (Aedes), that may carry and transmit Zika virus

Controls fleas & ticks

For control of Fleas, Brown Dog Ticks, and Lice on premises

For premise control of ticks which may cause Lyme disease

### {Clothing Treatment Protection}

Lasts up to 40 days

Effective protection for up to 40 days

40-day protection

Over a month of protection

6 weeks of protection]

Protection for 6 weeks]

Lasts 6 weeks



### {HOW TO APPLY}

Lay plastic or sheet on ground

Hold sprayer 6-8 inches above surface – spray evenly

Spray front and back and under fabric folds

Hang dry for 2 hours

[Further] [or Additional] product information inside

{Reader's Note: See last page for additional informational materials and examples}

### {PROTECTIVE GLOVES}

Protective gloves included

Ranger Ready gloves included

Ranger Ready protective gloves included

Gloves included

### {Application Log for Clothing Treatment}

{Reader's Note: The following claims are to be used with an application log that may be included inside the packaging. The purpose of the log is to track product use for clothing treatment.

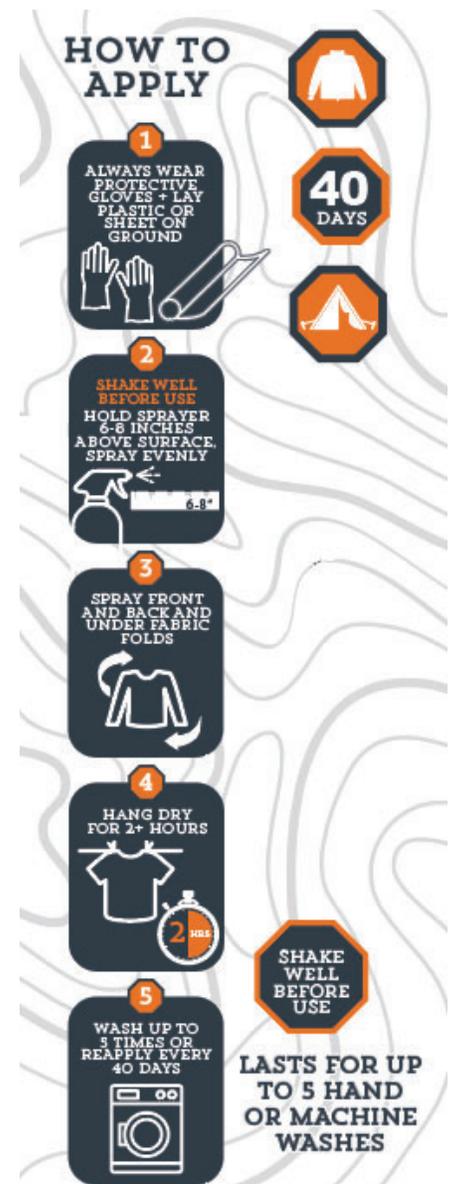
Treatment lasts up to 6 weeks (42 days, rounded to 40 days)}

Application log [included] inside

Reapply By date is 40 days from Start Use Date

Start Use Date

Reapply By



{Additional informational materials that may be included inside packaging:}

1. Application Log for Clothing Treatment

<b>PERMETHRIN 0.5% TRACKING</b> APPLICATION DATE RE-TREAT AFTER 6 WEEKS WASH COUNT [ ] [ ] [ ] [ ] [ ] [ ] RE-TREAT RANGER READY REPELLENTS®	<b>PERMETHRIN 0.5% TRACKING</b> APPLICATION DATE RE-TREAT AFTER 6 WEEKS WASH COUNT [ ] [ ] [ ] [ ] [ ] [ ] RE-TREAT RANGER READY REPELLENTS®
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2. Comparison Sheet {comparing Pic20's EPA Reg. No. 93221-1 with this Permethrin product}

**RANGER READY REPELLENT**

# THE 2 P'S

**PICARIDIN 20%**  
Body-worn repellent worn daily by adults and children over one year old. Picaridin is used to repel insects.

**PERMETHRIN 0.5%**  
Clothing and gear repellent that is not designed for skin. Permethrin is used to repel and kill listed insects.

**VS**

12 HOUR vs 40 DAYS

LEARN MORE AT [RANGERREADY.COM](http://RANGERREADY.COM)

Icons: Mosquito, Tick, Flea, Dog, Tent, Backpack, Facebook, Instagram, YouTube

3. How To Apply {Information consistent with directions and other claims on the label}

## HOW TO APPLY RANGER READY PERMETHRIN

- 1** ALWAYS WEAR PROTECTIVE GLOVES + LAY PLASTIC OR SHEET ON GROUND
- 2** HOLD SPRAYER 6-8 INCHES ABOVE SURFACE. SPRAY EVENLY
- 3** SPRAY FRONT AND BACK AND UNDER FABRIC FOLDS
- 4** HANG DRY FOR 2+ HOURS
- 5** WASH UP TO 5 TIMES OR REAPPLY EVERY 40 DAYS

**WHAT TO TREAT**  
Permethrin 0.5% can treat clothing, camping gear and outdoor furniture.

**WHEN TO TREAT**  
Re-treatment should be done after 40 days or 5 washes.